

Appl. No. 10/659,100
Atty. Docket No. 9031
Amtd. dated March 07, 2008
Reply to Office Action of Sept. 07, 2007
Customer No. 27752

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AMENDMENTS TO THE CLAIMS

Claims 1-6 (Cancelled).

Claim 7 (Currently Amended) The tooth whitening product of claim 6 19, wherein said fibers have a diameter between about 1 micron and about 200 microns.

Claim 8 (Currently Amended) The tooth whitening product of claim 6 19, wherein said water hydratable polymer is comprises polyvinylpyrrolidone.

Claim 9 (Currently Amended) The tooth whitening product of claim 8, wherein said tooth whitening agent is comprises hydrogen peroxide and ~~said layer~~ the film further comprises water and polyethylene glycol.

Claim 10 (Currently Amended) The tooth whitening product of claim 6 19, wherein said fibers are formed from a material selected from the group consisting of polypropylene, polyethylene, ~~and cellulose~~, and a combination thereof.

Claims 11-18 (Cancelled).

Claim 19 (New) A tooth whitening product, comprising:

a film having a thickness and comprising a water hydratable polymer and a tooth whitening agent;

a mesh comprising a plurality of fibers, the fibers arranged to define a plurality of void spaces between the fibers; and

wherein the plurality of void spaces extends through the thickness of the film.

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Claim 20 (New) The tooth whitening product of claim 19, wherein the film at least partially fills the mesh.

Claim 21 (New) The tooth whitening product of claim 19, wherein the plurality of fibers comprises a water hydratable polymer.

Claim 22 (New) The tooth whitening product of claim 19, wherein the plurality of fibers comprises a water insoluble material.

Claim 23 (New) A tooth whitening product, comprising:

 a film having a thickness and comprising a first water hydratable polymer and a tooth whitening agent;

 a mesh comprising a plurality of fibers, the fibers arranged to define a plurality of void spaces between the fibers and the plurality of fibers comprise a second water hydratable polymer; and

 wherein the film at least partially fills the mesh.

Claim 24 (New) The tooth whitening product of claim 23, where the plurality of void spaces extends through the thickness of the film.

Claim 25 (New) The tooth whitening product of claim 23, wherein the first water hydratable polymer comprises polyvinylpyrrolidone.

Claims 26 (New) The tooth whitening product of claim 23, wherein the second water hydratable polymer comprises polyvinylpyrrolidone.

Claim 27 (New) The tooth whitening product of claim 25, wherein the film further comprises polyethylene glycol and water.

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Claim 28 (New) A tooth whitening product, comprising:

a mesh having a first side and second side and comprising a plurality of coated fibers, the coated fibers arranged to provide a plurality of void spaces that extend from the first side of the mesh to the second side of the mesh; and
wherein the fiber coating comprises a water hydratable polymer and a tooth whitening agent.

Claim 29 (New) The tooth whitening product of claim 28, wherein the fiber coating at least partially fills the mesh.

Claim 30 (New) The tooth whitening product of claim 28, wherein the water hydratable polymer comprises polyvinylpyrrolidone.

Claim 31 (New) The tooth whitening product of claim 30, wherein the fiber coating further comprises polyethylene glycol and water.

Claim 32 (New) The tooth whitening product of claim 29, wherein the fiber coating substantially fills the mesh and forms a film layer on top of the mesh.